

6569  
021004  
U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No. 501127.02 (30136/US/2) February 10, 2004

First Inventor or Application Identifier Paul A. LaBerge

Title **SYSTEM AND METHOD FOR MULTIPLEXING DATA  
AND DATA MASKING INFORMATION ON A DATA BUS  
OF A MEMORY DEVICE**

Express Mail Label No. EL 990358867 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

|   |  |
|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Sheet (+ copy)<br>(Submit an original and a duplicate for fee processing)  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)            |
| 2. <input type="checkbox"/> Applicant(s) Claim(s) Small Entity Status   | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary) |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages] <b>24</b>  | a. <input type="checkbox"/> Computer-Readable Form (CRF)   |
| - Descriptive Title of the Invention  |  |
| - Cross References to Related Applications  |  |
| - Statement Regarding Fed sponsored R & D   |  |
| - Reference to Microfiche Appendix  |  |
| - Background of the Invention   |  |
| - Brief Summary of the Invention  |  |
| - Brief Description of the Drawings (if filed)  |  |
| - Detailed Description  |  |
| - Claim(s)  |  |
| - Abstract of the Disclosure  |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets] <b>4</b>  | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)            |
| 5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages] <b>1</b>   | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br>(if applicable, all necessary) |
| a. <input type="checkbox"/> Newly executed (original or copy)   |  |
| b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br>(for continuation/divisional with Box 18 completed)                            |  |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S)<br>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) |  |
| 6. <input checked="" type="checkbox"/> Application Data Sheet (37 C.F.R. 1.76)  | c. <input type="checkbox"/> Statement verifying identity of above copies                                       |
| 9. <input type="checkbox"/> Certification Under 35 U.S.C. 122(b)(2)(B)(i)   |  |
| 10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))  |  |
| 11. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney  |  |
| 12. <input type="checkbox"/> English Translation Document (if applicable)   |  |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment Total Pages <b>3</b>  |  |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard   |  |
| 15. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations                                |  |
| 16. <input type="checkbox"/> Certified Copy of Priority Document(s)<br>(if foreign priority is claimed)   |  |
| 17. <input checked="" type="checkbox"/> Other: <u>Certificate of Express Mail</u><br><u>Check; Copy of Election and POA</u>   |  |

**ACCOMPANYING APPLICATION PARTS**

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

 Continuation  Divisional  Continuation-In-Part (CIP) of prior Application No. 10/081,653 Filed February 21, 2002Prior application information: Examiner Vu A. Le Group / Art Unit 2824 Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

**CORRESPONDENCE ADDRESS**

Kimton N. Eng, Esq.  
Dors y & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101-4010  
(206) 903-8800 phone / (206) 903-8820 fax

**Customer No. 27,076**TYPED or PRINTED NAME Kimton N. EngREGISTRATION NO. 43,605SIGNATURE Kimton N. EngDate February 10, 2004

# FEE TRANSMITTAL SHEET (FOR FY 2004)

| Complete if Known    |                        |
|----------------------|------------------------|
| Express Mail No.     | EL 990358867 US        |
| Filing Date          | Concurrently Herewith  |
| First Named Inventor | Paul A. LaBerge        |
| Group Art Unit       | Not Yet Assigned       |
| Examiner             | Not Yet Assigned       |
| Atty. Docket Number  | 501127.02 (30136/US/2) |

## METHOD OF PAYMENT (Check One)

1.  The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2.  Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity        | Small Entity |          |          |  |
|---------------------|--------------|----------|----------|--|
| Fee Code            | Fee (\$)     | Fee Code | Fee (\$) | Fee Description  |
| 1001                | 770          | 2001     | 385      | <input checked="" type="checkbox"/> Utility Filing Fee |
| 1002                | 340          | 2002     | 170      | <input type="checkbox"/> Design Filing Fee             |
| 1003                | 530          | 2003     | 265      | <input type="checkbox"/> Plant Filing Fee              |
| 1004                | 770          | 2004     | 385      | <input type="checkbox"/> Reissue Filing Fee            |
| 1005                | 160          | 2005     | 80       | <input type="checkbox"/> Provisional Filing Fee        |
| <b>Subtotal (1)</b> |              |          |          | <b>\$ 770</b>  |

### 2. EXTRA CLAIM FEES

| Current Claims            | Prior | Extra | Fee                 | Fee Paid    |
|---------------------------|-------|-------|---------------------|-------------|
| Total                     | 1     | - 20  | = 0                 | x \$ = \$ 0 |
| Ind.                      | 1     | - 3   | = 0                 | x \$ = \$ 0 |
| Multiple Dependent Claims |       |       | x \$ = \$           |             |
|                           |       |       | <b>Subtotal (2)</b> | <b>\$ 0</b> |

| Large Entity | Small Entity |          |          |   |
|--------------|--------------|----------|----------|---|
| Fee Code     | Fee (\$)     | Fee Code | Fee (\$) | Fee Description   |
| 1202         | 18           | 2202     | 9        | Claims in excess of 20                                  |
| 1201         | 86           | 2201     | 43       | Independent claims in excess of 3                       |
| 1203         | 290          | 2203     | 145      | Multiple dependent Claim                                |
| 1204         | 86           | 2204     | 43       | Reissue independent claims over original patent         |
| 1205         | 18           | 2205     | 9        | Reissue claims in excess of 20 and over original patent |

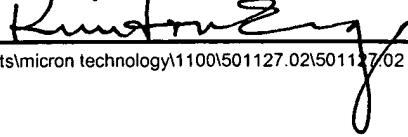
### 3. ADDITIONAL FEES

| Large Entity        | Small Entity |          |          |  |             |          |
|---------------------|--------------|----------|----------|--|-------------|----------|
| Fee Code            | Fee (\$)     | Fee Code | Fee (\$) | Fee Description  |             | Fee paid |
| 1051                | 130          | 2051     | 65       | Surcharge - Late filing fee or oath  |             | \$       |
| 1052                | 50           | 2052     | 25       | Surcharge - late provisional filing fee or cover sheet                     |             | \$       |
| 1053                | 130          | 1053     | 130      | Non-English specification  |             | \$       |
| 1812                | 2,520        | 1812     | 2,520    | For Filing a Request for ex parte Reexamination                            |             | \$       |
| 1804                | 920          | 1804     | 920      | Requesting publication of SIR prior to Examiner action                     |             | \$       |
| 1805                | 1,840        | 1805     | 1,840    | Requesting publication of SIR after Examiner action                        |             | \$       |
| 1251                | 110          | 2251     | 55       | Extension for reply within first month                                     |             | \$       |
| 1252                | 420          | 2252     | 210      | Extension for reply within 2 <sup>nd</sup> month                           |             | \$       |
| 1253                | 950          | 2253     | 475      | Extension for reply within 3 <sup>rd</sup> month                           |             | \$       |
| 1254                | 1,480        | 2254     | 740      | Extension for reply within 4 <sup>th</sup> month                           |             | \$       |
| 1255                | 2,010        | 2255     | 1,005    | Extension for reply within 5 <sup>th</sup> month                           |             | \$       |
| 1401                | 330          | 2401     | 165      | Notice of Appeal   |             | \$       |
| 1402                | 330          | 2402     | 165      | Filing a brief in support of an appeal                                     |             | \$       |
| 1403                | 290          | 2403     | 145      | Request for oral hearing   |             | \$       |
| 1814                | 110          | 2814     | 55       | Terminal Disclaimer Fee  |             | \$       |
| 1452                | 110          | 2452     | 55       | Petition to revive – unavoidable   |             | \$       |
| 1453                | 1,330        | 2453     | 665      | Petition to revive – unintentional   |             | \$       |
| 1501                | 1,330        | 2501     | 665      | Utility/Reissue issue fee  |             | \$       |
| 1502                | 480          | 2502     | 240      | Design issue fee   |             | \$       |
| 1503                | 640          | 2503     | 320      | Plant issue fee  |             | \$       |
| 1460                | 130          | 1460     | 130      | Petitions to the Commissioner  |             | \$       |
| 1807                | 50           | 1807     | 50       | Processing fee under 37 CFR 1.17(q)  |             | \$       |
| 1806                | 180          | 1806     | 180      | Submission of IDS  |             | \$       |
| 8021                | 40           | 8021     | 40       | Recording each patent assignment per property (times number of properties) |             | \$       |
| 1801                | 770          | 2801     | 385      | Request for Continued Examination (RCE)                                    |             | \$       |
| Other fee (specify) |              |          |          |  |             |          |
| <b>Subtotal (3)</b> |              |          |          |  | <b>\$ 0</b> |          |

**Total Amount of Payment:** **\$ 770**

Submitted by:

Name: Kimton N. Eng Reg. No.: 43,605 Telephone: (206) 903-8800

Signature:  Date: February 10, 2004

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Paul A. LaBerge Attorney Docket No.: 501127.02 (30136/US/2)  
Filed : February 10, 2004  
Title : SYSTEM AND METHOD FOR MULTIPLEXING DATA AND DATA MASKING INFORMATION ON A DATA BUS OF A MEMORY DEVICE

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 990358867 US, on February 10, 2004, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
DORSEY & WHITNEY LLP

KNE:ajs

Enclosures:

Postcard  
Check  
PTO/SB/05 Utility Patent Application Transmittal  
Application Data Sheet  
Fee Transmittal Sheet (+ copy)  
General Authorization  
Preliminary Amendment  
Specification, Claims, Abstract (24 pages)  
4 Sheets of Drawings (Figures 1-4)  
Copy of Declaration  
Copy of Election and Power of Attorney  
Information Disclosure Statement and Form PTO-1449

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Paul A. LaBerge Attorney Docket No.: 501127.02 (30136/US/2)  
Filed : Concurrently Herewith  
Title : SYSTEM AND METHOD FOR MULTIPLEXING DATA AND DATA MASKING INFORMATION ON A DATA BUS OF A MEMORY DEVICE

## **GENERAL AUTHORIZATION**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date February 10, 2004

Kimton N. Eng

KNE:ajs

1420 Fifth Avenue, Suite 3400  
Seattle, WA 98101-4010  
(206) 903-8800  
Fax (206) 903-8820